Index of Claims

| Application | /Control No. |
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10/019,833

Examiner

Yunsoo Kim

Applicant(s)/Patent under . Reexamination

MUKHERJEE ET AL.
Art Unit

1644

| <b>√</b> | Rejected |
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| ı        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| Cla                    | aim Date |           |              |  |          |  |              | Claim Date                                       |          |          |          |          |          | _        | CI             | Dat      |          |          |               |          |                |           |          |            |          |              |           |         |
|------------------------|----------|-----------|--------------|--|----------|--|--------------|--|----------|----------|----------|----------|----------|----------|----------------|----------|----------|----------|---------------|----------|----------------|-----------|----------|------------|----------|--------------|-----------|---------|
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|                        | 1        | Ţ         |              |  |          |  |              |  |          | П        | <u> </u> | 7        | 51       |          |                |          |          | -        |               |          | $\dashv$       | ┪         |          | 101        | $\vdash$ | 7            | $\dagger$ | 十       |
|                        | 2        |           |              |  |          |  |              |  |          |          |          |          | 52       |          |                |          |          |          |               |          |                |           |          | 102        |          |              |           |         |
|                        | 3        | Ц         |              |  |          |  |              |  |          |          |          |          | 53       | Ш        |                |          |          |          |               |          |                |           |          | 103        |          |              |           | I       |
|                        | 4        | Ш         |              |  | 1        | <u> </u>   |              |  | ļ        | Щ        | $\vdash$ | 4        | 54       |          | _              |          |          |          |               | Ш        |                | _         | <u> </u> | 104        | $\Box$   |              | _         | _       |
|                        | 5        | Щ         | <u> </u>     | <u> </u>   |          | <u> </u>   | <u> </u>     | ļ  | ļ        | Ш        | <u> </u> | _        | 55       | Ш        |                |          |          |          |               | L        |                |           |          | 105        | $\Box$   | 4            | $\perp$   | $\perp$ |
|                        | 6        | Н         | _            | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>     | _  | <u> </u> | Ш        | <u> </u> | -        | 56       | Ш        | _              | _        |          |          |               | Ш        |                |           |          | 106        |          | _            | $\bot$    | $\bot$  |
|                        | 7<br>8   | 7         |              | -  | ┝        | <u> </u>   | -            | ┝  |          | Н        | -        | -        | 57       | $\vdash$ |                |          |          |          |               |          |                | _         |          | 107        |          |              |           | +       |
|                        | 9        | N         |              | -  | -        | -  | -            | -  | -        | Н        | -        | ᅪ        | 58<br>59 | $\vdash$ | $\dashv$       | -        |          |          |               |          | -              | $\dot{-}$ |          | 108<br>109 |          |              | ÷         | -       |
|                        | 10       | Hi-       | -            | $\vdash$   | ┢        | ╁  |              |  | $\vdash$ | $\vdash$ | -        |          | 60       | H        | $\dashv$       | -        |          |          |               | H        |                | -1        |          | 110        | $\vdash$ | +            | +         | +       |
|                        | 11       | H         | -            | -  | -        | <del>                                     </del> | ┢            | -  | -        | $\dashv$ | $\vdash$ |          | 61       | Н        |                |          | _        |          | _             | -        |                | $\dashv$  | -        | 111        | $\dashv$ | $\dashv$     | +         | ╁       |
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|                        | 13       | $\dagger$ | $\vdash$     | <del>                                     </del> |          | T  |              | T  | Т        | П        |          |          | 63       | H        |                |          |          |          |               | H        |                | $\exists$ |          | 113        | $\dashv$ | +            | 十         | +       |
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|                        | 18       | 1         |              |  | <u> </u> |  |              | _  |          |          |          |          | 68       |          |                |          |          |          |               |          |                | _         |          | 118        |          |              |           |         |
|                        | 19       | Ш         |              | L  | _        |  |              | <u> </u>   | _        | Ш        |          | _        | 69       |          | _              |          |          |          |               |          |                | _         |          | 119        |          |              | $\perp$   |         |
|                        | 20       | Щ         | _            | _  | _        | <u> </u>   | <u> </u>     | _  |          |          |          |          | 70       |          |                | _        |          |          |               |          | $\Box$         | _         |          | 120        |          |              | _         |         |
|                        | 21       | 4         | <u> </u>     |  | <u> </u> | <u> </u>   | <u> </u>     |  | <u> </u> | Щ        | <u> </u> |          | 71       | $\sqcup$ | _              |          | _        |          |               |          | _              | _         | -        | 121        | _        | _            | 4         | _       |
|                        | 22       | 1         |              | <u> </u>   | <u> </u> | _  | L            | _  | <u> </u> | $\dashv$ | -        |          | 72       |          | _              | _        |          | _        |               |          | $\dashv$       | 4         |          | 122        | -        | _            |           | +       |
|                        | 23<br>24 | Ņ         | <u> </u>     | <u> </u>   |          | <del> </del>                                     |              | $\vdash$   | _        |          | $\vdash$ |          | 73       |          |                |          | -        |          |               |          |                | -         | <u> </u> | 123        |          | _            | +-        | +       |
| -                      | 25       | 7         | <del> </del> | _  | -        | -  | -            |  | $\vdash$ |          | $\vdash$ |          | 74<br>75 |          |                | $\dashv$ | $\dashv$ | _        |               |          | $\dashv$       | -         | -        | 124<br>125 | $\dashv$ | +            | -         | +-      |
| -                      | 26       | +         | $\vdash$     |  | $\vdash$ | ⊢  |              | $\vdash$   | $\vdash$ |          | -        |          | 76       |          | -              | -        | $\dashv$ |          |               | Н        | -              | $\dashv$  | -        | 126        | $\dashv$ | +            | +         | +       |
|                        | 27       | +         | $\vdash$     | _  | +        |  |              | -  |          | $\dashv$ | -        |          | 77       | -        | <del>- i</del> | _        | $\dashv$ | -        | _             |          | $\dashv$       | $\dashv$  | -        | 127        |          | +            | +         | ╁       |
|                        | 28       | H         | -            | -  | -        | <del>                                     </del> | -            | _  |          |          |          |          | 78       |          | $\dashv$       | $\dashv$ | $\neg$   | _        |               | Н        | $\dashv$       | $\dashv$  |          | 128        | _        | +            | +         | +       |
|                        | 29       | $\top$    |              |  |          | $\vdash$   |              |  |          | $\neg$   |          |          | 79       |          | 7              | $\neg$   | $\neg$   | _        |               |          |                | _         |          | 129        |          | $\dashv$     | +         | +       |
|                        | 30       | $\dagger$ |              | _  | -        | <del>                                     </del> | $\vdash$     |  |          |          |          |          | 80       |          | _              | 寸        | $\neg$   |          |               |          | _              | ヿ         |          | 130        |          |              | T         | -       |
|                        | 31       | T         |              |  |          | _  | Г            |  |          | П        |          |          | 81       |          |                | _        |          |          |               |          | $\dashv$       | _         |          | 131        |          |              | +         | ╅       |
|                        | 32       |           |              |  |          |  |              |  |          |          |          |          | 82       |          |                |          |          |          |               |          | 1              |           |          | 132        |          |              | İ         |         |
|                        | 33       |           |              |  |          |  |              |  |          |          |          |          | 83       |          |                |          |          |          |               |          |                |           |          | 133        |          |              |           |         |
|                        | 34       | $\perp$   |              |  |          | $oxed{\Box}$                                     | $\Box$       |  | Ĺ        |          |          |          | 84       |          | $\Box$         |          |          |          |               |          |                |           |          | 134        | $\Box$   |              | Ţ         | $\bot$  |
|                        | 35       | $\perp$   | <u> </u>     | Щ  |          | <u> </u>   | <u> </u>     |  | Щ        | Щ        | $\perp$  |          | 85       | Ц        | _              |          | _        |          |               |          | _              | _         | <u> </u> | 135        | $\sqcup$ |              | 1         |         |
| $\vdash \vdash \vdash$ | 36       | $\bot$    |              | Щ  |          | <u> </u>   | <u> </u>     | L  | $\vdash$ | Щ        | <u> </u> |          | 86       | $\Box$   | _              | <u>.</u> | _        | _        |               | $\sqcup$ | _              | _         | ļ        | 136        | $\dashv$ | $\perp$      | 4         | +       |
|                        | 37       | +         | $\vdash$     | <u> </u>   |          | $\vdash$   | $\vdash$     | <u> </u>   | $\vdash$ | $\dashv$ | -        |          | 87       | $\vdash$ | 4              |          | _        | _        |               |          | $\dashv$       | 4         |          | 137        | 4        | +            | 4         | 4       |
| $\vdash$               | 38<br>39 | N         | <u> </u>     |  |          | ⊢  | $\vdash$     | $\vdash$   | $\vdash$ | $\dashv$ | $\vdash$ |          | 88<br>89 | $\dashv$ | $\dashv$       |          | -        |          | _             |          |                | $\dashv$  | -        | 138<br>139 | $\dashv$ | +            | +         | +       |
| $\vdash \vdash$        |          | -         | -            | H  |          | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$ | $\dashv$ | $\vdash$ | -        |          | $\dashv$ | +              | $\dashv$ | $\dashv$ |          | _             | $\vdash$ | -              | $\dashv$  | -        |            | $\dashv$ | +            | +         | +       |
| -                      | 40       | _         | $\vdash$     |  |          | $\vdash$   | $\vdash$     | -  | -        | $\dashv$ | -        |          | 90<br>91 | -        | -              | -        | $\dashv$ | -        | -             | $\vdash$ | $\dashv$       | $\dashv$  | -        | 140        | $\dashv$ | $\dashv$     | +         | +-      |
| $\vdash$               | 42       | _         | H            | H  |          | <del>                                     </del> | $\vdash$     | Ι-   | Η-       | $\dashv$ | $\vdash$ |          | 92       | $\vdash$ | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | -             | $\vdash$ | +              | $\dashv$  |          | 142        | $\vdash$ | +            | +         | +       |
|                        | 48       | _         | Н            |  | -        | t  | $\vdash$     | <del>                                     </del> | Ι-       | $\dashv$ |          |          | 93       |          | 7              | _        | $\dashv$ | -        |               | $\vdash$ | $\dashv$       | $\dashv$  |          | 143        | $\dashv$ | +            | +         | +       |
|                        | 44       |           |              |  |          | -  | Г            |  | T -      |          |          |          | 94       |          |                | $\neg$   | $\neg$   |          |               | Н        | 寸              | $\dashv$  |          | 144        | $\dashv$ | $\top$       | +         | +       |
|                        | 45       |           |              |  |          | T  |              |  |          |          |          |          | 95       |          |                |          | $\neg$   |          |               |          |                | $\neg$    |          | 145        |          | $\top$       | $\top$    | $\top$  |
|                        | 46       |           |              |  |          |  |              |  | Г        |          |          | $\Box$   | 96       |          |                |          |          | _        |               | $\Box$   | $\neg \dagger$ |           |          | 146        | $\Box$   | $\top$       | 十         | T       |
|                        | 47       | 1         |              |  |          |  |              |  |          |          |          |          | 97       |          |                |          |          |          |               |          |                |           |          | 147        |          |              |           | I       |
|                        | 48       |           |              |  |          |  |              |  |          |          |          |          | 98       |          |                |          | $\Box$   |          |               |          |                |           |          | 148        |          | $oxed{\Box}$ | T         | $\perp$ |
| $\Box$                 | 49       |           |              |  |          | <u> </u>   | $oxed{\Box}$ | <u> </u>   |          |          |          |          | 99       |          |                | $\Box$   |          |          |               |          | $\Box$         | _         |          | 149        | $\Box$   | $\perp$      | $\perp$   |         |
| لــــا                 | 50       | _         | L_           |  | L_       | <u> </u>   | L            |  |          |          | L        |          | 100      |          |                |          |          |          |               |          |                |           | L        | 150        |          |              | _L        |         |

| Cla      | aim               | Γ.   |              |               | _        | Date           |          | -        |              | $\neg$         |
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|          | 134               | _  |              |               | :        | _              | L_       |          | L_           |                |
|          | 135               |  |              |               |          |                | Щ        |          | Щ            | Щ              |
|          | 136               |  |              |               |          | L_!            | Щ        |          |              | Ш              |
|          | 137<br>138        | <u> </u>   |              |               |          | <u> </u>       | Ш        | _        |              | Щ              |
|          | 138               |  |              |               |          | L              | Ш        |          |              | Щ              |
|          | 139               |  |              |               | ļ.,,     | L              |          |          | <u> </u>     | Ш              |
|          | 140               |  |              |               | <u> </u> | L              | Ш        |          | <u> </u>     | Н              |
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|          | 142               |  |              |               | !        |                | <u> </u> |          | <u> </u>     | Ш              |
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|          | 144               |  |              |               |          | L              | Ш        |          | Ь.,          | Щ              |
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|          | 147               |  |              |               |          |                | Ц.       |          |              | Щ              |
|          | 148               |  |              |               |          | Ш              | L_       |          | <u> </u>     |                |
|          | 149               | Щ,   |              |               |          | Ш              | L        |          |              | Ц              |
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